

PUR 870

2K Polyurethane for PVC

PRODUCTS

Pigmented bases	DISOLAC	20
Binder	PUR 870	80
Hardener	E9005 standard	4:1
	E9003 slow	4:1
Thinner	SOLV UNIVERSAL 5	0-20%
	SOLV UNIVERSAL 3	0-20%

DESCRIPTION AND PROPERTIES

- 2K satin polyurethane paint.
- Direct adhesion to PVC.
- Good chemical resistance, hardness and flexibility.
- It is necessary to be applied in installations that comply with Directive 1999/13/EC.

CHARACTERISTICS OF PUR 870

Appearance	Satin	
Gloss	60-80% at 60°	
Specific weight of the Binder	1,2 kg/l at 20°C	
Solid content (binder)	56-60 % (weight)	41-45% (volume)
Solid content ready to use (without dilution)	55-60 % (weight)	41-46 % (volume)
VOC ready to use	> 500 g/l - 2004/42/EC - IIA(j)(500)	
Dry film thickness	40-50 microns (2 coats)	
Theoretical yield 1 µm per litre of binder	560-760 m ² /l	
Theoretical yield 1 µm per litre of mixing without dilution	425-475 m ² /l	


SUBSTRATE AND PREPARATION OF THE SURFACE



	CLEANING	SANDING	FINAL CLEANING
Old paints	D226	P360/400	D226
PVC	D226	--	--

For other kind of substrates consult the Technical Service (SAT).

APPLICATION



	SMALL SURFACE		LARGE SURFACE	
	Hardener	Thinner	Hardener	Thinner
T(°C)				
18-25	E9005	SOLV UNIVERSAL 5	E9005	SOLV UNIVERSAL 5
>25	E9005	SOLV UNIVERSAL 5	E9005/E9003	SOLV UNIVERSAL 3

	Mixing ratio Disolac+/Binder (in weight)	20/80	
	Mixing ratio Hardener (in volume)	Pigmented	Clear coat
		4:1	---
Electrostatic application (in volume)	---		

	Application	% thinner (Vol.)	Viscosity - 20°C (Ford Cup 4)	Pressure (BAR)	Product Pressure (BAR)	Nozzle (mm)	Num. of Coats x µm dry	Flash off (min)
	Gravity feed spray gun	10-15%	20"-23"	2-3	---	1,3-1,5	2x25	10' 20°C
	Pot life	6 hours						

If the application requires the use of an additive, it should be taken into account in the addition of solvent.

DRYING

 TEMPERATURE	 HANDLING	THROUGH DRY
20° C	3h-3h30'	24h
60° C	---	45'

The product reaches its maximum performance after 15 days of drying in the air (ambient temperature 18-22°C) or in a shorter time at a higher temperature.



ADDITIONAL ADDITIVES FOR SPECIAL USES

SITUATION	ADDITIVE	DESCRIPTION	EFFECT
Craters	Additive Anticrater Disolac	Film protection from outdoor polluting agents	Anticrater; film protection
Weathering resistance /UV filters	Additive UV	Protection of the coating film against UV layers	Increases the durability of the coating film
Overspray sensitivity /Too fast drying of the film	Flow Additive	Improve the application, for example in the application of large surfaces or in dry conditions	Keeps the film opened for a longer time
Fast drying	E9006	Decreases drying times if needed	Decreases drying times
Slow drying	E9003	Increases drying times if needed	Increases drying times
Degreasing	DIS226 DA93	DIS226 for plastics and surfaces electrostatically chargeable. DA93 for greasy surfaces.	

For use and instructions of the additives consult the technical data sheet of each product.

REMARKS

- The recommended base/binder ratio is 20/80 in weight, except for colours that do not cover well, when 30/70 can be used.
- Recommended to be used in ventilated spray booth at 20°C.

EQUIPMENT CLEANING

- Use a cleaning thinner before the pot life has expired.

SAFETY

- Follow instructions of product label.
- For more information check the Safety Data Sheet.
- Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

- Store the product in a ventilated place far from direct exposure to sunlight.
- Keep between +5°C and +30°C.

GUARANTEE

- One year in unopened original packaging.

These products are for professional use only. The Safety Data Sheet should be consulted before use and the precautionary warnings on the product packaging should be observed. Its correct use, according to its purpose and respecting its technical and security data, provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U declines any liability due to the incorrect use of any product.

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